

CLAIMS

What is claimed is:

1 1. A purchasing system, the purchasing system buying consumer
2 items from a communications network business through a communications
3 network based on purchasing information gathered from a user environment
4 in accordance with parameters provided by a user, comprising:

5 (a) a monitoring unit linked with the user environment, the
6 monitoring unit obtaining purchasing information from the user environment
7 in accordance with parameters provided by a user; and

8 (b) a purchasing unit linked with the monitoring unit, the
9 purchasing unit generating a consumer item order by assessing the
10 purchasing information.

1 2. The purchasing system according to claim 1 wherein the user
2 environment includes:

3 (a) a network plugin device;

4 (b) a peripheral device; and

5 (c) a database device.

1 3. The purchasing system according to claim 1 further comprising
2 a trader unit linked with the purchasing unit and with the communications
3 network, the trader unit for selecting a communications network business for
4 the consumer item order.

1 4. The purchasing system according to claim 2 wherein the
2 monitoring unit includes:

3 (a) an order collection system for sensing a consumer item demand
4 signal from the user environment; and

5 (b) an intelligent monitoring agent linked with the order collection
6 system and with the purchasing unit for generating purchasing information
7 from the consumer item demand signal.

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1 5. The purchasing system according to claim 4 wherein the
2 monitoring unit further includes an inventory collection system linked with
3 the intelligent monitoring agent for sensing a consumer item stock signal
4 from the user environment.

1 6. The purchasing system according to claim 5 wherein the
2 purchasing unit includes an intelligent purchasing agent linked with the
3 intelligent monitoring agent and with the trader unit for assessing the
4 purchasing information.

1 7. The purchasing system according to claim 6 wherein the
2 intelligent purchasing agent accesses purchasing information from the
3 inventory collection system to determine whether a consumer item is in the
4 user environment.

1 8. The purchasing system according to claim 6 wherein the
2 intelligent purchasing agent accesses purchasing information from the order
3 collection system.

1 9. The purchasing system according to claim 6 wherein the
2 intelligent purchasing agent generates a consumer item order.

1 10. The purchasing system according to claim 9 wherein the trader
2 unit receives the consumer item order from the purchasing unit.

1 11. The purchasing system according to claim 10 wherein the
2 trader unit includes a purchasing processor for selecting a communications
3 network business to fulfill the consumer item order.

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1 12. The purchasing system according to claim 11 wherein the
2 trader unit includes an accountor linked with the purchasing processor for
3 tracking each consumer item order executed by the purchasing processor.

1 13. The purchasing system according to claim 1 wherein the
2 communications network comprises the Internet.

1 14. In a computer system, computer code product on computer
2 readable media for buying consumer items from a communications network
3 business through a communications network based on purchasing
4 information gathered from a user environment in accordance with parameters
5 provided by a user, the computer code product comprising:

6 (a) a first computer code product for obtaining purchasing
7 information from the user environment in accordance with parameters
8 provided by a user; and

9 (b) a second computer code product for generating a consumer
10 item order by assessing the purchasing information.

1 15. The computer code product according to claim 14 wherein the
2 first computer code product includes:

3 (a) computer code product for sensing a consumer item demand
4 signal from the user environment; and

5 (b) computer code product for generating purchasing information
6 provided by the consumer item demand signal.

1 16. The computer code product according to claim 15 wherein the
2 second computer code product includes computer code product for
3 assessing the purchasing information from the first computer code product
4 and for generating a consumer item order.

1 17. The computer code product according to claim 16 further
2 comprising:

3 a third computer code product for buying a consumer item from the
4 communications network based on the consumer item order.

1 18. The computer code product according to claim 16 wherein the
2 third computer code product includes computer code product for selecting a
3 communications network business in accordance with the consumer item
4 order.

1 19. In an communications network environment, a method for
2 buying consumer items from a communications network business through a
3 communications network based on purchasing information gathered from a
4 user environment in accordance with parameters provided by a user,
5 comprising the steps of:

- 6 (a) linking a monitoring unit with the user environment;
7 (b) gathering purchasing information from the user environment
8 with the monitoring unit in accordance with parameters provided by the user;
9 (c) linking a purchasing unit with a monitoring unit;
10 (d) assessing the purchasing information with the purchasing unit;
11 and
12 (e) generating a consumer item order with the purchasing unit.

1 20. The method according to claim 19 further comprising the steps
2 of:

- 3 (a) linking a trader unit with the purchasing unit and with the
4 communications network; and
5 (b) buying a consumer item from the communications network
6 with the trader unit based on the consumer item order.